

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: October 8, 2004

ATTY DOCKET NO.
2004-1024AFILE NO.
16,001,083APPLICANT
Hirofumi KOMIYAMAFILING DATE
July 9, 2004

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RS	AA	5,574,112	11/1996	Kranig et al.			
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
RS	AF	50-40629	4/1975	Japan				
RS	AG	61-12762	1/1986	Japan				
RS	AH	11-152444	6/1999	Japan				
RS	AI	10-130542	5/1998	Japan				
RS	AJ	62-174280	7/1987	Japan				
RS	AK	54-152031	11/1979	Japan				
RS	AL	11-92628	4/1999	Japan				
	AM	0 299 420	1/1989	Europe				

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	
	AO	
	AP	

EXAMINER

/Robert Sellers/

DATE CONSIDERED

01/05/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.

FORM PTO 1448 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
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ATTY DOCKET NO.
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10/501,083

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APPLICANT
Hirofumi KOMIYAMAFILING DATE
July 9, 2004GROUP
1762

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	5,206,313	4/1993	Ono et al.			
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO	
RS	AJ	86/01216	2/1986	WO				
	AK							
	AL							
	AM							
	AN							

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

RS	AO	Database WPI Section Ch, Week 197447 Derwent Publications Ltd., London, GB; Class A21, AN 1974-81455V XP002373488 & JP. 49 032998 A (Asahi Elec. Ind. Co.), March 26, 1974.
	AP	
	AQ	

EXAMINER

/Robert Sellers/

DATE CONSIDERED

01/05/2007